

1	Modulbezeichnung Modul NW24 Aktuelle Themen der Nachhaltigkeit in der Ernährungswirtschaft Contemporary issues in food business		Kennnummer (aus HIS-POS) 50299		
2	Modulturnus: ABC-System: Modul A ☐ B ☐ C ☒ und/oder : jedem SS ☐ jedem WS ☐		Dauer des Moduls: X 1 Semester ☐ 2 Semester		
3	Angebot für folgenden Studiengang/folgende Studiengänge M.Sc. NDuEW		Pflicht, Wahl, Wahlpflicht Wahlpflicht	Angebot im ... Fachsemester C	
4	Kontaktzeiten inkl. Prüfung	Lehrform (z.B. Vorlesung, Übung, seminari- stischer Unterricht, Projekt-/Gruppenarbeit, Fallstudie, Planspiel) (weitere Zeilen möglich)	SWS	Std. pro Sem. SWS x i.d.R. 15 Semesterwochen Summe Kontaktzeit in Std. 30 Std.	
		Seminaristischer Unterricht	2		15
5	Selbststudium	Form (z.B. Vor-/Nachbereitung, Prüfungsvorbereitung, Ausarbeitung von Hausarbeiten, Recherche)	Std. pro Sem.	Summe Selbststudium in Std. 120 Std.	
		Vorbereitung, Prüfungsvorbereitung, Recherche	120		
6	Arbeitsaufwand Summe Kontaktzeit in Std. + Summe Selbststudium in Std. (Workload)			150 Std.	
Leistungspunkte (i.d.R. 30 Std. = 1 LP), <i>Bitte prüfen: Nur ganze Zahlen zulässig! Bei 30 Std. pro LP: 0,0 LP</i>			5 LP		
7	Lernergebnisse (zu vermittelnde Fach-, Methoden-, Sozial- und Selbst-Kompetenzen) By the end of the course, participants will have understood and grappled with the complex challenges that arise from the global call for a more sustainable future. To achieve this general learning outcome, course participants will: • Understand the current challenges experienced in agriculture, and the differences between conventional and sustainable (including organic) agriculture; • Understand the links between farming systems and food quality; • Understand the most significant challenges, e.g. soil composition, nutrition and tilling methods; irrigation; integrated pest management, plant crop cultivation and animal production; • comprehend the evolution of the discussed agricultural methods within sustainable agriculture.				

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8	Inhalte (Aufzählung der Modulinhalte, zusammengefasste Gliederungen der Lehrveranstaltungen) Resilience and Sustainability in Food production: What can we learn from Africa and South America? This course focuses on the various aspects of sustainable food production and its links to food quality and nutrition. Sustainable agriculture is ecologically sound, economically viable, socially just, culturally appropriate, humane and is based on a holistic approach and characterised by whole system analysis rather than a focus on individual components. Sustainable agriculture and rural development is not only about agriculture, but is also about water, energy, health, nutrition, biodiversity and resilience. Sustainable agriculture addresses the nutritional and fibre requirements and other needs of present and future generations, provides durable and decent employment, maintains and enhances the productive and regenerative capacity of the natural resource base, reduces vulnerability and integrates the best use of available approaches. Sustainable farming refers to a farm or agricultural enterprise as a whole entity in ecological balance. This is done to obtain optimal health and productivity for humans, animals, plants and the soil. This course will provide course participants with an overview of the most significant approaches related to sustainable (including organic) agriculture. Course participants will be able to recognise, understand and apply the divergent interpretations of sustainable development that currently exist. Questions guiding the lectures and discussions: • In agriculture (food production) - what does sustainability – and sustainable development in particular - mean? • What are the main areas of difference and convergence with conventional agriculture? • How does agricultural production influence food quality? This course focuses on the aspects of systems and technologies for sustainable food production, with an overview of the most significant aspects of sustainable agriculture. Course participants will be able to recognize and understand the divergent interpretations of sustainable development that currently exist.	
9	Für die Teilnahme am Modul sollten folgende Kenntnisse vorhanden sein:	
10	Voraussetzungen für die Vergabe von Leistungspunkten (z.B. Bestehen der Prüfung) Erfolgreich abgeschlossene Prüfung	
11	Prüfungsformen und -umfang (z.B. Klausur, mündliche Prüfung, Hausarbeit, Präsentation, Portfolio, Dauer der Prüfung in Min.) Hausarbeit und/oder mündliche Prüfung und/oder Präsentation und/oder Klausur	
12	Voraussetzungen für die Zulassung zur Prüfung keine	
13	Stellenwert der Note für die Endnote s. Prüfungsordnung/en für oben (Zeile 3) genannte Studiengänge	
14	Modulverantwortliche/r Prof. Dr. Carola Strassner	
15	Hauptamtlich Lehrende Prof. Dr. Raymond Auerbach (Professor in the School of Natural Resource Management, George Campus, Nelson Mandela Metropolitan University, South Africa.)	
16	Veranstaltungssprache/n ☐ Deutsch ☒ Englisch ☐ Weitere, nämlich: (Prüfung auf Deutsch möglich)	

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17	Ergänzende Informationen (Literatur, Belegungspflicht u.a.): The programme is divided into four inter-related parts. The three parts are Preparatory Reading, Classroom Work, a Group Project, and Written Work. Preparatory Reading Several papers are provided to assist the students in preparing for this module; these include the following: • Food Sovereignty (Eating Planet 2012 – Zip File) • African Smallholder Production (Factsheet Smallholders) • Nutrient Density and Nutrients per hectare (Redefining Crop Yields) • Scientific measures of agricultural sustainability (SOAAN Document). • The issue of food quality (Stanford vs AFFSA) • Seed monopolies and Farmer seed networks (Law of seed). Classroom Work The required reading for this module will be provided (electronic files). All teaching is conducted on the assumption that the required readings have been read. The time table will provide a list of primary and secondary readings for each day – please read this carefully and adhere to this guideline. Group Project Working in groups, course participants will be required to formulate and present a group project. Guidelines for how to go about this will be presented at the start of the week, and time will be allocated during the week for group work and discussion.	